AMENDMENTS TO THE CLAIMS

1. (Currently Amended) A base station device comprising:

a controller for changing a reference value for reverse closed loop power control in a control hold state, said reference value initially equal to ~~the required signal to noise ratio~~

$$\theta_1=(Ec/No)_{required}$$

or fractions thereof where θ_1 is the reference value, and $(Ec/No)_{required}$ is the required signal to noise ratio; and

a forward dedicated control channel transmitter for transmitting a power control bit for controlling transmission power of a reverse link according to the changed reference value.

2. (Original) The base station device as claimed in claim 1, further comprising a gating controller for determining a gating rate representing a transmission period of a power control bit according to the changed reference value for closed loop power control, and transmitting a power control bit from the forward dedicated control channel transmitter according to the determined gating rate.

3–10. (Cancelled)

11. (Currently Amended) A base station device comprising:

a controller for changing a reference value for reverse closed loop power control in a control hold state, said reference value initially equal to ~~the required signal to noise ratio~~

$$\theta_1=(Ec/No)_{required}$$

or fractions thereof where θ_1 is the reference value, and $(Ec/No)_{required}$ is the required signal to noise ratio, determining a transmission period of a power control bit according to the changed reference value for reverse closed loop power control, and controlling transmission power of a reverse link according to the determined generation period; and

a reverse dedicated control channel transmitter for repeatedly transmitting the generated power control bit until a next generation period.

12. (Currently Amended) A transmission method for a base station, comprising the steps of:

changing a reference value for reverse closed loop power control in a control hold state, said reference value initially equal to ~~the required signal to noise ratio~~

$$\theta_1=(Ec/No)_{required}$$

or fractions thereof where θ_1 is the reference value, and $(Ec/No)_{required}$ is the required signal to noise ratio; and

transmitting a power control bit for controlling transmission power of a reverse link according to the changed reference value.

13. (Original) The transmission method as claimed in claim 12, further comprising the step of determining a gating rate representing a transmission period of a power control bit according to the changed reference value for closed loop power control, and transmitting a power control bit at the determined gating rate.

14. (Currently Amended) A communication method for a mobile communication system, comprising the steps of:

changing, at a base station, a reference value for reverse closed loop power control in a control hold state, said reference value initially equal to ~~the required signal to noise ratio~~

$$\theta_1=(Ec/No)_{required}$$

or fractions thereof where θ_1 is the reference value, and $(Ec/No)_{required}$ is the required signal to noise ratio, and controlling transmission power of a reverse link according to the changed reference value for performing closed loop power control; and

controlling, at a mobile station, transmission power of a reverse pilot channel according to a power control bit from the base station.

15. (Original) The communication method as claimed in claim 14, wherein the base station determines a gating rate representing a transmission period of a power control bit according to the changed reference value for closed loop power control, and transmits the power control bit at the determined gating rate.

16. (Original) The communication method as claimed in claim 14, wherein the reverse pilot channel includes forward power control information.

17. (Original) The communication method as claimed in claim 14, wherein upon activation of a reverse dedicated control channel, the base station increases a transmission power of the reverse pilot channel above a reference value for reverse closed loop power control at a duration where the reverse dedicated control channel is activated.

18. (Original) The communication method as claimed in claim 16, wherein the mobile station increases transmission power of the reverse dedicated control channel by a predetermined value which is given as a system parameter.

19. (Original) The communication method as claimed in claim 16, wherein the mobile station ignores a reverse power control bit received at a duration where the reverse dedicated control channel is activated.

20. (Original) The communication method as claimed in claim 16, wherein the mobile station neglects a power-down command included among reverse power control bits received at a duration where the reverse dedicated control channel is activated, and applies a power-up command included among the received reverse power control bits to control transmission power of the reverse link.

21. (Original) The communication method as claimed in claim 14, wherein upon activation of a reverse dedicated control channel, the mobile station increases transmission power of the reverse pilot channel above the reference value for closed loop power control for a duration defined as a system parameter, including a duration where the reverse dedicated control channel is activated

22. (Currently Amended) A transmission method for a base station, comprising the

steps of:

changing a reference value for reverse closed loop power control in a control hold state, said reference value initially equal to ~~the required signal to noise ratio~~

$$\theta_1 = (Ec/No)_{required}$$

or fractions thereof where θ_1 is the reference value, and $(Ec/No)_{required}$ is the required signal to noise ratio, determining a generation period of a power control bit according to the changed reference value for reverse closed loop power control, and controlling transmission power of a reverse link according to the determined generation period; and

repeatedly transmitting the generated power control bit until a next generation period.